

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/552,087
Input File: D:\SoybeAnnotated.rpt
Output File: N:\CRF3\05092000\I552087.raw

DATE: 1/1/2000
TIME: 14:00:00

1 <11> APPLICANT: BAYCOR, INC.
2 <12> TITLE OF INVENTION: Soybean Seed and Other Materials and Methods of Use
3 <13> FILE REFERENCE: 36011-137848
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/552,087
C--> 9 <141> CURRENT FILING DATE: 2000-04-21
9 <160> NUMBER OF SEQ ID NOS: 3
11 <210> SEQ ID NO: 1
12 <211> LENGTH: 391
13 <212> TYPE: DNA
14 <213> ORGANISM: Glycine max
16 <220> OTHER INFORMATION: unsure at all n locations
W--> 17 <400> SEQUENCE: 1
19 agcttttccct ctttgaaaca ataccctcca gccaat tga atccatctta ggcctttttc 60
21 cccaaactct cacaataggg agagaaatgt tcat taaaat cacaacaatc cctaatatta 120
23 tcaatctcta aatttttagc tctatgggat caaaacaaatg tctgtctcct agagaggaca 180
25 tcaagtacca catgtttttt tctctttttt tatttgataa catatggaaa tttctct ag 240
27 tactctaccc attttgataa ccttttttct aacttggatg gccctctaat gtaattaaat 300
29 gattgatgat cactatgaat gacaaattcc tt taaaacaa agtjtctaaa cttacccctc 360
31 ngcggggaggg cgacgcgtga ctgcgggat gcgt 394
31 <210> SEQ ID NO: 2
35 <211> LENGTH: 162
36 <212> TYPE: DNA
37 <213> ORGANISM: Glycine max
39 <400> SEQUENCE: 2
41 tgaaggcaaa ctggaactta gttaacttga taaccacact cctcttaatt caaaactctg 60
43 tactgtctga aagggttgtt gatttgtcct cctctgttga caaccataa gaccttttgc 120
45 ctctcataga gcaacttggg gcaattgagc agcctgaagc ttatcttcca aatatttata 180
47 ataaacctcc tcaacctcag caacaaatc aactacagta gacgaattat gacctttcca 240
49 gcaacaga'a caaccttga tgaagaaatc accctaacct caaatgttcc aacctctagc 300
51 aaaaacaaac gaagcctgtc cctttcttcc aiaatgtctc tggcacaagc aaacctataa 360
53 ttctctcacc aatccaaaca caggcaacac cccagaaaca gccaacagct gaggcccttc 420
55 caaaccttc cctcgaaaga cttgtgagagc aatgactat gc 480
58 <210> SEQ ID NO: 3
59 <211> LENGTH: 281
60 <212> TYPE: DNA
61 <213> ORGANISM: Glycine max
63 <400> SEQUENCE: 3
65 agcttttccaa gatattaagt tcttctcag aactgtctga agcgaagatg ccaatgtgct 60
67 attaacaact tctcttttgc catctgtctg tgggagacat gtggttgaaa ataacaattt 120
69 agtgcccaac ttgaccaca caggactacg caaatggctt atgaacttac agtctctatc 180
71 actaacaatg ctgcttggta aaccttgat gctcacaatc tctttgagga acaaatatgc 240
73 cacatgggaa gcatcatcta cttctttaca tggataaaaa tgag 281
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 295
78 <212> TYPE: DNA

ENTERED

RAW SEQUENCE LISTING
 SEQUENCE INFORMATION US/09/552,087

FILE: C:\Crf3\Outhold Vsr1552087.htm
 NAME: Vsr1552087

Input Set: D:\SoybeanAnnotated.rpt
 Output Set: N:\Crf3\05092000\1552087.raw

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101 -210- ORGANISM: Glycine max
102 -210- LENGTH: 161
103 -210- TYPE: DNA
104 -210- ORGANISM: Glycine max
105 -210- OTHER INFORMATION: unsure at all n locations
W--> 104 <400> SEQUENCE: 5
W--> 106 tcattgttttaa tcatacatc aatcttatta tagcaganaa ctcaataaa aattctatta 60
108 aaagttagaa ctctgtggcat ggtctctat aaatatctac tacaataatt ttaatatctc 120
110 tctcatagag gaaggaatc cagtatcttc caatactctc tcaatttate cttattttac 180
112 cttttcccat accctctata tccaatgcaa atggttctac tctttcagga gcatcaaaat 240
W--> 114 aagctctgcgc agttttagga ttgacttcat cagttntcaa cctagtggta tttttttcag 300
116 tctaatcttg gaccttctca tcaaatatga ctttttga tctaatggtt tgaattcttt 360
118 gaataactat tctgtactgc accacgcaac actatagata tcaattgag aggaacatt 420
120 cat
121 -210- SEQ ID NO: 6
122 -210- LENGTH: 161
123 -210- TYPE: DNA
124 -210- ORGANISM: Glycine max
125 -210- OTHER INFORMATION: unsure at all n locations
W--> 129 <400> SEQUENCE: 6
131 tagactaatt tcaacttacc atctctagac taatggcaca actgaacgga ccaatttagc 60
133 atgtt ttc cttttgaagg cgtatgtctt agacaaana aaagatttgg agattttct 120
135 tcaatatt aagtttcaatt ataaagaaa ttttactct accattcata tgaactctta 180
137 tgaagctttg tatgttagaa gtttatgaaac cctttatgt tggtttaaac cgtjaaaagg 240
139 ccttacctta ggaacggaag ttttacaaca aacacacgaag aaagtaatt taatcaaga 300
W--> 141 aaggatgagg actgctcaga gtangcaaaa aagttatcat gataagagga ggaaagatct 360
143 gaaattttag gttgtgactc atgtattctt gataatcaat ccttggaacty ggggttggtc 420
145 agcatigaaa tccgaaaagg tcaacacctca cttttatgat cctt
146 -210- SEQ ID NO: 7
147 -210- LENGTH: 160
148 -210- TYPE: DNA
149 -210- ORGANISM: Glycine max
150 -210- OTHER INFORMATION: unsure at all n locations
W--> 154 <400> SEQUENCE: 7
W--> 156 ntntattgat tntttttatg tcttgaccaa gaattagaga ctaattcttt gaaatattga 60
158 gatttattta aaagataata tctcccaaaa aaatattatt atattcaaac tgattaatat 120
160 gaacatgaaa aataacaaaa accacitata aaatttagat ttaggaaatt atttttaatt 180
162 acttttaggia atgtttattga tgtcacatc aaaaagtatg tgaaggatg agtgattaat 240
164 cataaaattt ggtgctata agttatatcg ataaatttaa atttaatttt taactcaaga 300
166 attaaggaaa gctttcataa aaagagaaaa atcaaatitt catttgacat gataatggtt 360

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/352,087

DATE: 04/12/2009
 TIME: 10:11:00

Input Set: D:\SoybeAnnotated.rpt
 Output Set: N:\CRF3\05092000\I552087.raw

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250 ggaatgagatg ggaatgagatg ggaatgagatg ggaatgagatg ggaatgagatg 217
251 ggaatgagatg ggaatgagatg ggaatgagatg ggaatgagatg ggaatgagatg 218
252 ggaatgagatg ggaatgagatg ggaatgagatg ggaatgagatg ggaatgagatg 219
W--> 261 cctctctccc ctctctcccg aatgtataat caattacttg atttaaatca cttatctc 418
261 <210> SEQ ID NO: 12
262 <211> LENGTH: 161
263 <212> TYPE: DNA
264 <213> ORGANISM: Glycine max
265 <223> OTHER INFORMATION: unsure at all n locations
W--> 270 <400> SEQUENCE: 12
W--> 272 tgataaagag attntgatag aagactntga ggccaaacta ttccaatata aaatgagatt 60
273 atttaaacaa tttaactaag tcttaattta tgaattttct gatattattt attgaattga 120
274 aaaaatttgtt gatttataca agtaatttgt tttaagatca tcaaaacttg caaqaattac 180
275 atttatttca atcaactctc aattttttag atcaaaagaa aggaatttat aggtatanaag 240
276 ttgaataaag ccttctatgg tcttaaacaa acactatagag cctatgaatag aaagattgac 300
277 tcaattttta tttaaatgaa attctccaaag tacaaaatag aatattgatt atattgaaa 360
278 aggaataacta aggaataact tttaatttgc ctatattgct atgaatttgc ttgaactggc 420
279 aggaatttgt aggaattaga gaaattcaaa attgaattga t
280 <210> SEQ ID NO: 13
281 <211> LENGTH: 151
282 <212> TYPE: DNA
283 <213> ORGANISM: Glycine max
284 <223> OTHER INFORMATION: unsure at all n locations
W--> 295 <400> SEQUENCE: 13
W--> 297 tgtaatcgat tacacacata ctgtaatcga ttaccatagg agtntttcag aanacattct 60
298 caatagtacc atctttttgt ctggttcttg aatgactatc ataggatct atattatgaa 120
299 ctggaacacc gaatttgaaa agaattttgc agaatgaaa ggtctgatcc tcttataaag 180
300 aaaaatggg ttatctctctt acaattctct tggccaaatt agtttgtatt caataaggaa 240
301 ttatttgagt gctcaaattg ttcaatttat ctctttcaag aqaatttact tctttttctc 300
302 tctttttatc tgaagaggga taaagagacc gaaggtctct tgtttgaaa gaattctaaa 360
303 acaaaaggaa gaattatctt tgtatattta gaactcttgc aaaaaattt caagatagtg 420
304 gaactctaaa gcaatttgc ttgaatttg a
305 <210> SEQ ID NO: 14
306 <211> LENGTH: 107
307 <212> TYPE: DNA
308 <213> ORGANISM: Glycine max
309 <223> OTHER INFORMATION: unsure at all n locations
W--> 320 <400> SEQUENCE: 14
322 aggtttctat agtgcacaa agacttaagt ttattgatat agcaaatctc aatgctatg 60
323 gagtaatttt gaaggaatga attggaacta gaagaaagaa ttctttaagg atgctaatac 120
324 ttatgtgcgg gataatcttc acttgctcaa gattagagaa aataaattga tataagatgt 180
W--> 328 gtcatttttg agcattcttt gccattatca caattcacct tatggnggcc attttaatgg 240
W--> 330 agaaagaagt gctgccaaag ttctccaagc angaattttg tggcccatgc tatataaaga 300
332 tgcacatttg tatgtgacac aatatgacaa atgccacaga aatatgagaa ttccaagaac 360
W--> 334 gaatgagatg gccttgaaca acattettga agntgaagtt ttgactg 407
335 <210> SEQ ID NO: 15
336 <211> LENGTH: 132
337 <212> TYPE: DNA
338 <213> ORGANISM: Glycine max

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RAW SEQUENCE LISTING

PATENT APPLICATION N US/09/552,087

DATE: 07/17/2009

TIME: 10:00:00

Input File: D:\SoybeAnnotated.rpt

Output File: N:\CRF3\05092000\1552087.raw

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41  <223> OTHER INFORMATION: unsure at all n locations
W--> 343 <400> SEQUENCE: 15
W--> 345 tgtaatcgat tgcacacata ctgtaatega ttaccagagg agttnttcag aaaatattct 60
347 aacacntcac atctttttgt ataatctttg aatgacatc atagacatc atatattt 120
349 attttttt atattttata aaatttttt aaacacaaa gtttttctc tttttttt 180
351 aaattttt ttatcttttt aaattttt ttacacaaat aattttgatt aaattttt 240
353 ttattttgt ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt 300
355 ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt 360
357 ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt 420
359 ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt 480
361 ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt 540
362 310> SEQ ID NO: 15
363 211> LENGTH: 131
364 212> TYPE: DNA
365 213> ORGANISM: Glycine max
367 223> OTHER INFORMATION: unsure at all n locations
W--> 368 <400> SEQUENCE: 16
W--> 370 tatcaacca ataccacagt tntcaaaact aaagtatatt acaattacaa aacataaata 60
372 ggaagatat ttacatctat aaaaagatt aatgacatt aacgttata aaattttt 120
374 aaactgttaa ttgaagaaa ataticagac caatgttaac tatagaacat agatctaac 180
376 tttaatttg aaaaatata aaagttagaa atatgaaat aaagtattac caattgaatt 240
378 aaatttttg aatttttact gaaagtgtta atgttttaag aagcacccaa ttcttttttt 300
380 caatttttg ataatctctt gaaattctat catgttaata actttcaaaa ttcttttttt 360
382 ttacacaga aacatcacct cttttttact attttttgt agacaaatat ttacaaagtc 420
384 gattttcaca at
385 310> SEQ ID NO: 17
386 211> LENGTH: 249
389 212> TYPE: DNA
390 213> ORGANISM: Glycine max
392 400> SEQUENCE: 17
394 agctttctta aagtttctta ttgaattgtt gtctctctat ttcaattata ttcttttt 60
396 caattttga aagcaagga gctatgggat cctcttgctt caaacctctt gaaagattta 120
398 actttctaga aggtctacca ttatcaaaa ttatataaga ttctgagtaa ttcttttttt 180
400 atatcaaaa ttcttttttt ttcttttttt ttcttttttt ttcttttttt ttcttttttt 240
402 accaagaaa ttgaattgtt gctttttcaa atctcaactt aagaattctt acagttttct 300
404 tttttttct ttcttttttt accaattctt taaggtatag aataccatg 360
406 210> SEQ ID NO: 18
408 211> LENGTH: 131
409 212> TYPE: DNA
410 213> ORGANISM: Glycine max
412 223> OTHER INFORMATION: unsure at all n locations
W--> 413 <400> SEQUENCE: 18
W--> 415 tntaaggccc tcaaatgact ggatggcaac accccaacta aatgattatg aaagagggat 60
417 aaatatgtga gattcttga caaattaaaa gaaagaaag gacttttaa gttatttga 120
419 gacaagtcta gataaacaag ttgcttgaat ttctgagaat aactaggaag ttcttcatta 180
421 aattggcagt aactatgac aattgtgat aactgttcta tattgaaat ttgaacttga 240
423 agcttttctg agaaattttt atagctaaaa ttcatutgat gaaagaaac atgtttttgg 300
425 aagttttgca aagaaccccc aagatcttgg ttgtctgaga ttctaaagg acctcaagtt 360
427 gatatttga atatatcttt tggaaaaaaa ccattcaagc caaaccttct taactctagt 420
429 gtjactaat ttgagaattt acaaaggatt c 480

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION US/09/552,087

DATE: 07/27/2009

TIME: 14:05:19

Input Set: D:\SoybeAnnotated.rpt

Output Set: N:\CRF3\05092000\1552087.raw

L:00 M:00 W: Current Application Number differs. Replaced Current Application No.
 L:00 M:00 W: Current Filing Date differs. Replaced Current Filing Date
 L:01 M:01 W: Missing Blank Line separator. (10) field identifier
 L:01 M:01 W: Mandatory Feature missing. (20) not found for SEQ ID#1
 L:01 M:01 W: Mandatory Feature missing. (21) not found for SEQ ID#1
 L:01 M:01 W: Mandatory Feature missing. (22) not found for SEQ ID#1
 L:01 M:01 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#1
 L:01 M:01 W: Missing Blank Line separator. (10) field identifier
 L:02 M:02 W: Mandatory Feature missing. (20) not found for SEQ ID#2
 L:02 M:02 W: Mandatory Feature missing. (21) not found for SEQ ID#2
 L:02 M:02 W: Mandatory Feature missing. (22) not found for SEQ ID#2
 L:02 M:02 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#2
 L:02 M:02 W: Mandatory Feature missing. (20) not found for SEQ ID#2
 L:02 M:02 W: Mandatory Feature missing. (21) not found for SEQ ID#2
 L:02 M:02 W: Mandatory Feature missing. (22) not found for SEQ ID#2
 L:02 M:02 W: Repeated in SeqNo#3
 L:03 M:03 W: Missing Blank Line separator. (10) field identifier
 L:03 M:03 W: Mandatory Feature missing. (20) not found for SEQ ID#3
 L:03 M:03 W: Mandatory Feature missing. (21) not found for SEQ ID#3
 L:03 M:03 W: Mandatory Feature missing. (22) not found for SEQ ID#3
 L:03 M:03 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#3
 L:03 M:03 W: Missing Blank Line separator. (10) field identifier
 L:04 M:04 W: Mandatory Feature missing. (20) not found for SEQ ID#4
 L:04 M:04 W: Mandatory Feature missing. (21) not found for SEQ ID#4
 L:04 M:04 W: Mandatory Feature missing. (22) not found for SEQ ID#4
 L:04 M:04 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#4
 L:04 M:04 W: Missing Blank Line separator. (10) field identifier
 L:05 M:05 W: Mandatory Feature missing. (20) not found for SEQ ID#5
 L:05 M:05 W: Mandatory Feature missing. (21) not found for SEQ ID#5
 L:05 M:05 W: Mandatory Feature missing. (22) not found for SEQ ID#5
 L:05 M:05 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#5
 L:05 M:05 W: Missing Blank Line separator. (10) field identifier
 L:06 M:06 W: Mandatory Feature missing. (20) not found for SEQ ID#6
 L:06 M:06 W: Mandatory Feature missing. (21) not found for SEQ ID#6
 L:06 M:06 W: Mandatory Feature missing. (22) not found for SEQ ID#6
 L:06 M:06 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#6
 L:06 M:06 W: Missing Blank Line separator. (10) field identifier
 L:07 M:07 W: Mandatory Feature missing. (20) not found for SEQ ID#7
 L:07 M:07 W: Mandatory Feature missing. (21) not found for SEQ ID#7
 L:07 M:07 W: Mandatory Feature missing. (22) not found for SEQ ID#7
 L:07 M:07 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#7
 L:07 M:07 W: Missing Blank Line separator. (10) field identifier
 L:08 M:08 W: Mandatory Feature missing. (20) not found for SEQ ID#8
 L:08 M:08 W: Mandatory Feature missing. (21) not found for SEQ ID#8
 L:08 M:08 W: Mandatory Feature missing. (22) not found for SEQ ID#8
 L:08 M:08 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#8
 L:08 M:08 W: Missing Blank Line separator. (10) field identifier
 L:09 M:09 W: Mandatory Feature missing. (20) not found for SEQ ID#9
 L:09 M:09 W: Mandatory Feature missing. (21) not found for SEQ ID#9
 L:09 M:09 W: Mandatory Feature missing. (22) not found for SEQ ID#9
 L:09 M:09 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#9
 L:09 M:09 W: Missing Blank Line separator. (10) field identifier
 L:10 M:10 W: Mandatory Feature missing. (20) not found for SEQ ID#10
 L:10 M:10 W: Mandatory Feature missing. (21) not found for SEQ ID#10
 L:10 M:10 W: Mandatory Feature missing. (22) not found for SEQ ID#10
 L:10 M:10 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#10
 L:10 M:10 W: Missing Blank Line separator. (10) field identifier
 L:11 M:11 W: Mandatory Feature missing. (20) not found for SEQ ID#11
 L:11 M:11 W: Mandatory Feature missing. (21) not found for SEQ ID#11
 L:11 M:11 W: Mandatory Feature missing. (22) not found for SEQ ID#11
 L:11 M:11 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#11
 L:11 M:11 W: Missing Blank Line separator. (10) field identifier
 L:12 M:12 W: Mandatory Feature missing. (20) not found for SEQ ID#12
 L:12 M:12 W: Mandatory Feature missing. (21) not found for SEQ ID#12
 L:12 M:12 W: Mandatory Feature missing. (22) not found for SEQ ID#12
 L:12 M:12 W: (16) "n" or "Xaa" used: Feature required. for SEQ ID#12
 L:12 M:12 W: Missing Blank Line separator. (10) field identifier
 L:13 M:13 W: Mandatory Feature missing. (20) not found for SEQ ID#13

Report Name: N:\CRE3\05092000\1552087.raw

file: C:\Crf3\Outhold Vsr\1552087.htm

VERIFICATION SUMMARY
PATIENT: 001100011 N US/09/552,087

DATE: 07/27/2010
TIME: 14:11:47

Input File: D:\SoybeAnnotated.rpt
Output File: N:\CRF3\05092000\I552087.raw

001100011 N US/09/552,087 100 - field identified
001100011 N US/09/552,087 100 - field identified
001100011 N US/09/552,087 100 - field identified
001100011 N US/09/552,087 100 - field identified
001100011 N US/09/552,087 100 - field identified
001100011 N US/09/552,087 100 - field identified